CASIO.

For more information visit: www.exilim.com

Dealer's address

Supplier:

CASIO Europe GmbH, Bornbarch 10, D-22848 Norderstedt, Germany

EXILIM

www.exilim.com

CASIO.

Get the big picture.

EXILIM

The exclusive EXILIM Digital Camera Collection.

EXILIM ZOOM

EXILIM PRO

EXILIM CARD

CASIO.

Get the big picture.

The exclusive EXILIM Digital Camera Collection from CASIO.

.....5.0 mega pixels

SUPER LIFE BATTERY

EX-Z55

EXILIM ZOOM

Time to discover the exclusive world of digital photography. Prepare to experience a range of unique digital cameras which leave nothing to be desired. Welcome to the world of EXILIM. Whether you want to take unusual snapshots, professional photos, or extraordinary images, EXILIM cameras reveal new dimensions of digital photography in every situation for any requirement. Get the big picture. Get EXILIM.

.....3.2 mega pixels

EX-S100

EXILIM CARD

EXILIM – pure power. EXILIM Zoom and EXILIM Pro models feature new technology to reduce energy consumption. The cameras are also equipped with the powerful SUPER LIFE-battery. You can take up to an amazing 400 pictures without recharging the battery.*

* using the EX-Z55 according to CIPA Standard

.....7.2 mega pixels

SUPER LIFE BATTERY

EX-P700

EXILIM PRO

It's not just the high-quality materials which make EXILIM Digital Cameras so special. The heart of these cameras is the unique EXILIM Engine – a small module with big advantages. The EXILIM Engine is the most advanced technology reduced to small proportions – it guarantees fast shutter release, top-quality images, and extremely low energy consumption. This combination of futuristic technology, innovative functions, and exclusive design makes EXILIM models among the world's most desirable digital cameras. EXILIM – when it has to be something special. You can find details of all cameras and additional information on the pages at the end of this catalogue.

CASIO.

Extremely strong. Extremely fast.

The new EXILIM Zoom EX-Z55 and EX-Z50.

.....5.0 mega pixels

SUPER LIFE BATTERY

EX-Z50

EX-Z55

A new dimension in digital photography. The new EXILIM Zoom EX-Z55 with extra-large 2.5-inch TFT colour display and the new EX-Z50 with 2-inch TFT colour display are ready in seconds to shoot brilliant photos. You won't miss any more shots with the Direct On function. After just 1.6 seconds** (approx.) you can start taking snapshots or marvel at pictures you've already taken on the TFT colour display. The shutter release, at 0.01 seconds***, is even faster. And with the 3x optical zoom, you can frame shots from wide angle to telephoto. Also available: the EXILIM Zoom EX-Z40 with 4.0 Megapixels and 2-inch TFT colour display.

fast & ultra-compact / extra-large 2.5-inch TFT colour display* energy-saving technology / 3x optical zoom / ready for action in approx. 1.6 sec.** / shutter release in approx. 0.01 sec.*** / BESTSHOT innovative functions

* EX-Z55 only
** LCD and flash switched off
*** after focusing, LCD and flash switched off

EXILIM ZOOM

More power. More pictures. Thanks to new technology, energy consumption has been considerably reduced. The cameras are also equipped with the powerful, new SUPER LIFE-battery. You can take up to an amazing 400 pictures with a single battery charge* – nonstop! So much power packaged in such an attractive metal body – that's typical EXILIM Zoom with the unique SUPER LIFE-battery.

* using the EX-Z55 according to CIPA Standard

CASIO.

Features. Functions. Fun.

The innovative, new EXILIM Zoom EX-Z55.

Big pictures: the extra-large 2.5-inch TFT colour display presents your pictures and film clips in XXL format and top quality.

Good acoustics: the integrated loudspeaker and microphone ensure excellent recording and playback for photo and film recordings with sound as well as for pure voice recording.

Perfect presentation: the Digital Photo Stand function presents your individually-created slide show. In fast scrolling mode, you can scroll forwards or backwards up to 100 pictures in 10 seconds.

.....2.5" TFT colour display

EX-Z55

Close-up: with the 3x optical zoom, you can capture every detail at the touch of a button.

As fast as it gets: with the Direct On function, the camera is ready for action in approximately 1.6 seconds****. With Direct On Play, you can immediately view all your images on the display. And with Direct Off, you can switch the camera off incredibly quickly. Amazing!

Everything under control: you can call up all the camera's functions quickly and easily with the cursor.

Play your cards right: use the memory card slot for SD/MMC memory cards.

High power: thanks to new, energy-saving technology and the powerful SUPER LIFE-battery, you can take up to approximately 400 pictures nonstop.*

SUPER LIFE BATTERY

USB UNIVERSAL SERIAL BUS

PictBridge

A fast connection: the USB docking station allows you to effortlessly transfer your pictures to your PC or to recharge the lithium-ion battery. Via USB Direct Print** or PictBridge** you can connect all EXILIM Digital Cameras directly to a printer.

* using the EX-Z55 according to CIPA Standard, ** for Epson printers or Canon printers
*** EX-Z55/50/40/30, EX-S100, and EX-P600/700, **** LCD and flash switched off

EXILIM ZOOM

CASIO.

Extra-large display – for big moments.

The new EXILIM Zoom EX-Z55 with extra-large 2.5-inch TFT colour display.

.....2" TFT colour display

+56%

original size

.....2.5" TFT colour display

True greatness: The EXILIM Zoom EX-Z55's exclusive, new 2.5-inch TFT colour display with integrated viewfinder will captivate anyone who wants to view big pictures immediately in XXL format. This display, specially developed by EXILIM, allows all pictures to be shown 56 % larger than on 2-inch displays. And in such razor-sharp quality that you can see even the smallest detail. What's more, this display features – for the first time ever – FIL Technology, a new, exclusive CASIO development which integrates the optical viewfinder into the display. The new EXILIM Zoom EX-Z55: the small camera for extra-large pictures.

Small. Compact. Powerful.

The high-powered EXILIM Zoom EX-Z40.

.....4.0 mega pixels

SUPER LIFE BATTERY

EX-Z40

4.0 Megapixels, 3x optical zoom, 2-inch TFT colour display, SUPER LIFE-battery for extended photo-shooting enjoyment, and many additional functions and features: the EXILIM Zoom EX-Z40. For those with active lifestyles who want to capture every moment with amazing speed. EXILIM – small cameras with impressive extras.

EXILIM ZOOM

CASIO.

Slim and highly desirable.

The new, ultra-slim EXILIM Card EX-S100 with “ceramic lens”.

.....3.2 mega pixels

original size

fast & ultra-compact / “ceramic lens” / **2.8x optical zoom** 2-inch TFT colour display / **ready for action in approx. 1.4 sec.*** / shutter release in approx. 0.01 sec.** / **BESTSHOT** innovative functions

Whether you’re attending film premieres, receptions, or leisurely pool parties, the new, ultra-slim EXILIM Card EX-S100 with a 2.8x optical zoom is an absolute highlight everywhere. Hardly surprising, because this exclusive digital camera is so small and slim that it disappears easily into any purse, jacket or trouser pocket. Shame, actually, because the EXILIM Card is also ideally suited as high-tech jewellery.

* flash switched off, ** after focusing, flash switched off

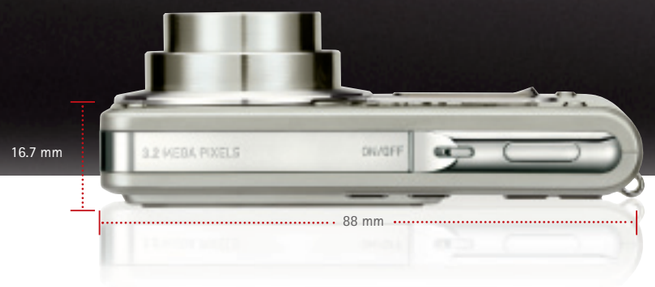
Elegant. Simple. Beautiful: the breathtaking new EXILIM Card EX-S100. A camera which makes an impression – not just due to its compact dimensions, exclusive design, the high-quality stainless steel casing, and the surface finish. But also due to Auto Macro, Flash Assist, Icon Help and a variety of additional functions and features. The new EXILIM Card EX-S100 – indispensable for anyone who appreciates truly special products.

EXILIM CARD

CASIO.

High-tech jewellery.

The new, ultra-slim EXILIM Card EX-S100 with 2.8x optical zoom.



Closer up: With the EXILIM Card's 2.8x optical zoom, you can access all relevant details in an instant. The camera's 3.2 Megapixels and the specially developed "ceramic lens" guarantee high picture quality. With this high-tech lens, the EXILIM designers have created another masterpiece. Inspired by materials which are also used in microscope technology, they have constructed an extremely small and effective lens. So you can be sure that you always achieve the best-quality photographic results.

2" TFT colour display

original size

Closer up: with the 2.8x optical zoom you can capture every detail.

Easy to operate: all functions can be operated via the cursor.

The best connections: With the USB docking station, you can transfer pictures quickly to your PC and simultaneously recharge the battery. Via USB Direct Print** or PictBridge** the EXILIM can be directly connected to a printer.

** for Epson printers or Canon printers

Small, but brilliant. The ultra-slim EXILIM Card EX-S100 is easy to operate and perfectly equipped for every snapshot: up to 23 pre-selected motif programmes (BESTSHOT), flash with red-eye reduction, Auto Macro function, Movie function, which allows you to record films without time limit* in AVI format, self-timer, lens protector, and much more leave absolutely nothing to be desired.

* depends on internal memory and/or additional memory cards.

EXILIM CARD

CASIO.

Professional. And completely multi-dimensional.

The new EXILIM Pro EX-P700 with 7.2 Megapixels.

.....7.2 mega pixels

SUPER LIFE BATTERY

original size

Designed for those who demand the best: the new EXILIM Pro EX-P700 for professional requirements. Even the most ambitious photographers will be impressed by its innovative functions and the range of manual programming modes. The 7.2 Megapixels CCD Sensor and the fast Canon 4x zoom lens produce images in brilliant quality, which can also be printed in poster format. Thanks to energy-saving technology and the powerful SUPER LIFE-battery, you can take up to an amazing 200 pictures** (approx.) with just one battery charge. Fascinating performance, perfectly complemented by the compact design.

* after focusing, LCD and flash switched off, ** according to CIPA Standard

compact & innovative / 4x optical zoom / energy-saving technology / 2-inch TFT colour display / ultra-fast autofocus system / shutter release in approx. 0.01 sec.* / many manual programming modes / TV and flash connection

EXILIM PRO

CASIO.

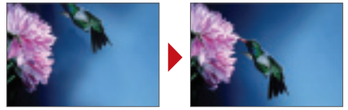
High-Tech. High performance.

The super-fast EXILIM Pro EX-P700 Digital Camera.

original size

Fast and precise: the EX-P700's hybrid autofocus.

Depending on the surroundings, the hybrid autofocus system chooses between conventional contrast AF or phase-lag-detector AF. So you always get the most suitable focusing method.



* after focusing, LCD and flash switched off

Now that's amazing: the new EXILIM Pro EX-P700 is ready for action in approximately 2 seconds. Ultra-fast: you can shoot perfect-quality consecutive pictures at a speed of 3 pictures/second up to a total sequence of 5 images. At normal speed (depending on the memory capacity) you can take as many photos as you wish. Using the Playback function you can scroll quickly through up to 100 images in 10 seconds. And the real surprise: the shutter release time is just 0.01 seconds.* That's as fast as it gets. The hybrid autofocus ensures that your super-sharp pictures are focused in record time. Don't lose a moment: EXILIM Pro EX-P700.

Zoom in closer to capture the smallest details: the fast Canon 4x zoom lens has a focal length of 7.1 mm to 28.4 mm (comparable to 32 to 132 mm on 35 mm cameras). With the EXILIM Pro you can even take macro shots from a distance of 10 cm. The integrated microphone is ideal for recording photo commentaries, for shooting movies with sound, or simply for voice recording. The integrated loudspeakers reproduce your sound recordings and spoken messages with remarkable clarity.

EXILIM PRO

CASIO.

Compact. Black. Professional.

The new EXILIM Pro EX-P700 – for great photos.

2" TFT colour display

Direct Access: the EX Key.

With the EX Key, at the touch of a button you have direct access to many settings such as white balance, ISO sensitivity, metering, and the various AF fields.

The new EXILIM Pro EX-P700 offers you a wide variety of manual programming options in addition to the automatic modes. In Manual Assist mode, the TFT colour display provides an overview of your settings and complete with photographic examples to show how your desired image will look. With the Auto Bracketing function, you can automatically create a series of pictures of a single subject with different parameters for exposure, white balance and depth of field. Then you just have to decide which photo is best.

This feature allows you to choose an ISO value between 80 and 640.

You can choose between multi-pattern, centre-weighted, and spot light metering.

Individually selectable: spot, 7-point multi, or free autofocus.

Focus, flash, and white balance display

This feature shows the automatically or manually selected settings for focus (spot/multi/free), flash (on/off/red-eye reduction/auto), and white balance.

Focal length

All information relevant to the focal length settings (f values) is clearly displayed.

RGB histogramme

The histogramme provides a rapid overview of extremely bright or dark areas of the picture as well as RGB colour information.

ISO setting

Shows at a glance the currently selected light sensitivity.

Focusing

The photographer receives all essential information about focusing at a single glance.

Aperture setting

The aperture setting shows the currently selected aperture value.

Shutter speed

Clearly shows the chosen shutter speed.

Exposure value

Shows the current or adapted exposure value of a potential exposure correction.

Simple. Professional: the EX Finder.

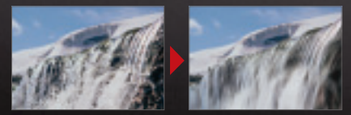
The new EXILIM Pro EX-P700 displays all the camera's relevant photographic information on the monitor. So you can swiftly and easily make a wide range of manual adjustments. And, for professionals, the RGB histogramme is integrated into this function.

EXILIM PRO

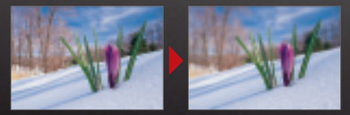
CASIO.

More functions.
More professional possibilities.

The new EXILIM Pro EX-P700 and the EXILIM Pro EX-P600.



Shutter mode



Aperture mode

Manual Assist function

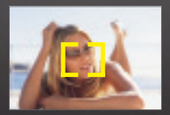
The Manual Assist function offers example photos to assess the resulting effects when photographs are manually programmed.

Video Out

The big picture: via the video-out socket, you can view your photographs and your movies with sound on a television screen.

Flexible autofocus zone selection

The new EXILIM Pro EX-P700 and its sister model, the EX-P600, in addition to the spot autofocus and the 7-point multi autofocus, are equipped with a freely positionable focus zone which you can easily move in all directions with the cursor.



Spot AF Area

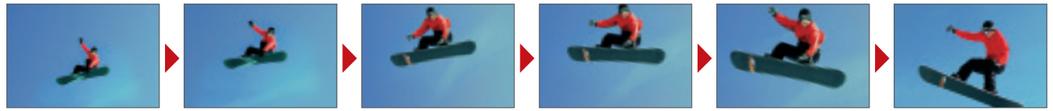
Multi AF Area

Free AF Area

Exposure

White balance

Colour filter



High-speed/normal-speed/multi-speed consecutive exposures:

The high-speed multi-picture function allows for multi-exposures at a speed of 3 photos/second up to a total of 6 consecutive photos**. At normal speed, the number of pictures you can take is limited only by the available memory capacity. With the multi-speed function, the camera records a series of 25 consecutive images (15 photos/second) at a single touch of the shutter button. Afterwards, these images are saved by the camera as a single photo.

PictBridge

The integrated flash can be enhanced by the addition of an external flash. Via USB Direct Print* or PictBridge* you can connect the EXILIM EX-P700 and EX-P600 directly to a printer. And to make the camera even easier to operate, there is an infra-red remote control. EXILIM Pro – for everyone who expects more from photography.

* for Epson printers or Canon printers, ** EX-P700 only 5 consecutive photos

Bracketing

With the Multi Bracketing function, you can individually select six pre-programmed settings (including saturation and sharpness). By pressing the shutter button once, the camera produces photographs of the same subject with different effects. Via Auto Bracketing, you can adjust exposure values and multi-exposure settings.

EXILIM PRO

CASIO.

Prize winner.

Winner of the EISA Award: EXILIM Pro EX-P600.

EISA AWARDS
DIGITAL COMPACT CAMERA 2004-2005
Casio Exilim Pro EX-P600

.....6.0 mega pixels

SUPER LIFE BATTERY

original size

original size

compact & innovative / 4x optical zoom / energy-saving technology
2-inch TFT colour display / ultra-fast autofocus system / shutter release in approx. 0.01 sec.* / many manual programming modes
TV and flash connection

The new EXILIM Pro EX-P700's sister model, the EXILIM Pro EX-P600 with 6.0 Megapixels impresses ambitious photographers and captivates the international photographic trade press as well. The EX-P600 was voted "Digital Compact Camera of the Year 2004/2005" by the "European Imaging and Sound Association" (EISA) which comprises Europe's 50 leading trade publications. EXILIM Pro – the right choice for anyone who wants to shoot better and more creative photographs.

* after focusing, LCD and flash switched off

EXILIM PRO

CASIO.

Innovative functions for better photos.

EXILIM Digital Cameras – the technical refinements.

Auto Macro function**

For close-up photography, switches automatically to Macro mode – and back again.

Coupling Shot

One step away from magic! You want to be photographed with a friend, but there's no one around. Coupling Shot makes the impossible possible. Simply photograph one another separately, and then the camera composes a joint image afterwards!

Triple self-timer

All good things come in threes. With this function, one press of the self-timer button results in three consecutive photos. So you can simply choose whichever is the best.

Auto Pan Focus*

Laser-sharp shots of fast-moving objects. To save the time needed for automatic focusing, Auto Pan Focus switches off the autofocus function. Which means the shutter releases much faster in the fixed focus mode – the delay is just 0.01 sec.

Movie function

With the new EXILIM Digital Cameras, depending on the available memory, you can record films without a time limit.** The built-in microphone delivers top-quality sound. That's how your beautiful moments become moving pictures.

Flash Assist function**

Now rooms or backgrounds beyond the normal flash range are automatically brightened.

Icon Help function**

Current camera settings are shown in the display by small icons with explanatory text. So you always know what photo setting you're currently using.

Format Assist function**

The Format Assist function automatically shows the maximum DIN format which can be achieved with the currently selected photo resolution. Ideal for large photos and posters.

BESTSHOT

BESTSHOT

Perfect pictures automatically? No problem, with the BESTSHOT function's up to 27*** pre-recorded motif programmes. With MY BESTSHOT, you can determine up to 999 different motif modes yourself. A new, additional BESTSHOT function: Business Shot. Slightly slanted photographs, like business cards, paintings, charts, etc., are automatically straightened with Business Shot (not EX-P600 and EX-Z40).

EXILIM

* not EX-P600 and EX-P700, ** not EX-Z40, *** EX-P700

CASIO.

Practical luxury: accessories from EXILIM.

Exclusive fine leather camera cases.

EXP-CASE1 *
Fine leather protective case

EXP-WALLET1 *
Fine leather protective case

EXZ-CASE3 ** (black)
EXZ-CASE4 ** (dark blue)
Nylon case with see-through window

EXZ-WALLET3 **
Fine leather protective case

EXZ-CASE1 **
Fine leather protective case

EXC-WALLET1 ***
Fine leather protective case

ESC-2DG ****
Soft case in dark grey

EXC-CASE1 ***
Fine leather protective case

ESC-3 ****
Protective case in light blue leather

* suitable for EX-P600 / EX-P700
** suitable for EX-Z30/EX-Z40
EX-Z50 / EX-Z55
*** suitable for EX-S100
**** suitable for EX-S20

EXILIM ACCESSORY

CASIO.

You either have it, or you don't.

Practical accessories for EXILIM Digital Cameras.

EX-TRIPOD
Folding tripod

LU-60A *
Adaptor for conversion lens or filter

AD-C40 *
Mains adaptor

EX-STRAP 3
Neck and hand carrying strap

EX-STRAP 2
Neck and hand carrying strap

EX-CLEAN
Cleaning set

CA-24**/
CA-25*** (not pictured)
Extra docking station

BC-30L */**
Rapid charger

NP-40 */**
Lithium-ion battery (1,230 mAh)

BC-10L ***/****
Mobile battery charger

NP-20 ***/****
Lithium-ion battery

EX-MEDIA CASE
Box for 2 memory cards

* suitable for EX-P600/EX-P700
** suitable for EX-Z30/EX-Z40
EX-Z50/EX-Z55
*** suitable for EX-S100
**** suitable for EX-S20

EXILIM ACCESSORY

Everything you need to take great photos.

Technical information and functions which leave nothing to be desired.

TECHNICAL DATA	EXILIM Pro EX-P700/EX-P600
Recording system:	snapshots: JPEG (Exif 2.2), DCF standard, DPOF-compatible, TIFF; movies: AVI (motion JPEG); audio: WAV (mono)
Recording medium:	approx. 9/8.9[1] MB internal memory, expansion slot for SD/MMC memory cards
Resolution (pixels):	snapshots EX-P700: 3,072 x 2,304, 3,072 x 2,048 (3:2), 2,304 x 1,728, 1,600 x 1,200, 1,280 x 960, 640 x 480; Movie: 320 x 240, 15 fps snapshots EX-P600: 2,816 x 2,112, 2,816 x 1,872 (3:2), 2,048 x 1,536, 1,600 x 1,200, 1,280 x 960, 640 x 480; Movie: 320 x 240, 15 fps
Image deletion:	one image, all images
Sensor:	1/1.8-inch CCD chip, 7.41/6.37[1] million pixels total, 7.2/6.0[1] million pixels effective
Lens:	Canon lens (8 lenses in 7 groups, including aspherical lens), F2.8 (W) to F4.0 (T), f = 7.1 (W) to 28.4 (T) mm (equivalent to approx. 33 to 132 mm on a 35 mm camera), lens protection
Zoom:	4x optical, 4x digital zoom (16x total when digital and optical zooms are used in combination)
Focusing:	phase difference sensor AF/contrast-type AF (spot AF, 7-point multi AF, free AF area selection, continuous AF), macro mode, infinity mode, manual focus (MF), Auto Macro function (EX-P700 only)
Focus range:	40 cm to ∞ (normal), 10 to 50 cm (macro)
Exposure:	exposure measuring: multi-pattern, centre weighted, spot exposure control: programme AE, aperture-priority AE, shutter-priority AE, manual exposure control, exposure correction: –2 to +2 EV (in 1/3 EV steps)
Shutter:	electronic, mechanical
Shutter speed:	normal: 1/8 to 1/2,000 sec., aperture-priority AE: 1 bis 1/2,000 sec. shutter-priority AE / manual: bulb 60 to 1/2,000 sec.
Aperture:	F2.8 to F8.0 (W), F4.0 to F11.0 (T), 10-stage aperture
ISO settings:	EX-P700: ISO 80 / 160 / 320 / 640, automatic or manual switching EX-P600: ISO 50 / 100 / 200 / 400, automatic or manual switching
White balance:	automatic / manual (7 modes) switching
Recording functions:	single image, single image with sound recording (up to 30 seconds), high-speed consecutive exposures (3 photos/second, up to 5/6[1] photos); Auto-Bracketing function (AE/WB/AF); Multi-Bracketing function (colour/portrait/ sharpness/ saturation/contrast), macro, BESTSHOT (27/25[1] pre-installed motif programmes), movie with sound recording; voice recording
Additional functions:	EX-P700: Flash Assist, Icon Help, Manual Assist, Auto Macro EX-P600: Manual Assist
Self-timer:	10 seconds, 2 seconds, triple self-timer, operation via infra-red remote control, 2 seconds via remote control
Flash:	automatic, manual on/off, red-eye reduction
Flash range:	EX-P700: approx. 0.4 to 3.6 m (W), approx. 0.4 to 2.5 m (T) EX-P600: approx. 0.2 to 2.9 m (W), approx. 0.2 to 2.0 m (T)
Monitor/viewfinder:	2.0-inch high-definition TFT colour display, 115,200 pixels (480 x 240); optical viewfinder
Timekeeping functions:	date and time recorded with image data; auto calendar up to 2049
World time:	162 cities (32 time zones); city names; date and time; summer time
Input/output terminals:	external mains adaptor (DC-in), USB/AV terminal (NTSC/PAL), external flash sync terminal, microphone, loudspeaker
Power supply:	rechargeable lithium-ion battery, mains adaptor
Battery life:	normal recording[2]: up to approx. 200/260[1] shots continuous recording[3]: up to approx. 440/600[1] shots continuous playback[4]: approx. 220/300[1] min. voice recording[5]: approx. 210/260[1] min.
Measurements:	97.5 x 67.5 x 45.1 mm (W x H x D, without projecting parts)
Weight:	approx. 225 g (excluding battery and memory card)
Supplied with:	lithium-ion rechargeable battery, battery charger, infra-red remote control, USB cable, AV cable, hand carrying strap, CD-ROM

[1] EX-P600
[2] CIPA Standard
[3] Continuous Recording Conditions: Temperature: 23°C (73°F), Monitor screen: on, Flash: off, Image recorded every 15 seconds, alternating full wide-angle and full telephoto zoom.
[4] Continuous Playback Conditions: Temperature: 23°C (73°F), Scroll one image about every 10 seconds.
[5] Voice recording times are based on continuous recording.

TECHNICAL DATA	EXILIM Zoom EX-Z55/EX-Z50	EXILIM Card EX-S100
Recording system:	snapshots: JPEG (Exif 2.2), DCF standard, DPOF-compatible, movies: AVI (motion JPEG); audio: WAV (mono)	snapshots: JPEG (Exif 2.2), DCF and DPOF-compatible, movies: AVI (motion JPEG); audio: WAV (mono)
Recording medium:	approx. 9.3 MB internal memory, expansion slot for SD/MMC memory cards	approx. 9.3 MB internal memory[6], expansion slot for SD/MMC memory cards
Resolution (pixels):	snapshots: 2,560 x 1,920, 2,560 x 1,712 (3:2), 2,048 x 1,536, 1,600 x 1,200, 1,280 x 960, 640 x 480; movie with sound recording: 320 x 240, 15 fps	snapshots: 2,048 x 1,536, 2,048 x 1,360 (3:2), 1,600 x 1,200, 1,280 x 960, 640 x 480; movie with sound recording: 320 x 240, 15 fps
Sensor:	1/2.5-inch CCD chip, 5.25 million pixels total, 5.0 million pixels effective	1/3.2-inch CCD chip, 3.34 million pixels total, 3.2 million pixels effective
Aperture:	F2.6 to F4.8, f = 5.8 to 17.4 mm (equivalent to approx. 35 to 105 mm on a 35 mm camera), Pentax lens, lens protection	F4.0 to 6.6, f = 4.8 to 13.5 mm (equivalent to approx. 36 to 102 mm on a 35 mm camera) CASIO Optic ("ceramic lens"), lens cover
Zoom:	3x optical, 4x digital (12 times total when optical and digital zooms are used in combination)	2.8x optical, 4x digital zoom (11.2 times total when optical and digital zooms are used in combination)
Shutter speed:	normal 1/8 to 1/2,000 sec., nightmode 4 to 1/2,000 sec., fireworks: 2 sec. (fix)	normal 1/8 to 1/2,000 sec., nightmode 4 to 1/2,000 sec., fireworks: 2 sec. (fix)
Lens:	F2.6/F4.3, automatic	F4.0/F8.0, automatic
Recording functions:	single image, BESTSHOT (23 pre-installed motif programmes), single image with sound recording self-timer, movie with sound recording (max. approx. 30 sec./image), macro mode, voice recording	single image, BESTSHOT (23 pre-installed motif programmes), movie, macro, single image with sound recording (max. approx. 30 sec./image), self-timer, movie with sound recording, voice recording
Additional functions:	Flash Assist, Icon Help, Auto Macro	Flash Assist, Icon Help, Auto Macro
Flash:	integrated flash, automatic, manual on/off; red-eye reduction	automatic, manual on/off; red-eye reduction
Flash range:	approx. 0.4 to 2.6 m	approx. 0.4 to 2.5 m
Monitor/viewfinder:	EX-Z55: 2.5-inch TFT colour display,115,200 pixels (480 x 240); optical viewfinder EX-Z50: 2-inch TFT colour display, 84,960 pixels (354 x 240); optical viewfinder	2-inch TFT colour display, 84,960 pixels (354 x 240)
Power supply:	rechargeable lithium-ion battery (NP-40), docking station for power supply and recharging CA-24	rechargeable lithium-ion battery (NP-20), docking station for power supply and recharging
Battery life:	EX-Z55: normal recording[2]: approx. 400 shots continuous recording[3]: up to approx. 1,070 shots continuous playback[4]: approx. 410 min., voice recording[5]: approx. 380 min. EX-Z50: normal recording[2]: approx. 390 shots continuous recording[3]: up to approx. 970 shots continuous playback[4]: approx. 380 min., voice recording[5]: approx. 350 min.	normal recording[2]: up to approx. 180 shots continuous recording[3]: up to approx. 540 shots continuous playback[4]: approx. 150 min. voice recording[5]: approx.150 min.
Measurements:	EX-Z55: 87 x 58 x 22.5 mm (W x H x D, without projecting parts) EX-Z50: 87 x 57 x 22.4 mm (W x H x D, without projecting parts)	88 x 57 x 16.7 mm (W x H x D, without projecting parts)
Weight:	EX-Z55: ca. 130 g (excluding battery and memory card) EX-Z50: ca. 121 g (excluding battery and memory card)	ca. 113 g (excluding battery and memory card)
Supplied with:	rechargeable lithium-ion battery, AC-Adapter for docking station, USB cable, hand carrying strap, CD-ROM	rechargeable lithium-ion battery, AC-Adapter for docking station, USB cable, hand carrying strap, CD-ROM
Miscellaneous:	USB Direct-Print, PictBridge, auto power off, RGB histogramme, alarm with picture allocation, album feature, file for favourites	USB Direct-Print, PictBridge, auto power off, RGB histogramme, alarm with picture allocation, album feature, file for favourites

[6] Some built-in memory is used for storage of system data. Because of this, the amount of built-in memory available to you for storage may be less than the indicated capacity.

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